



GA 1645 #8
PATENT
Dmt
18-4-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:
BRZOSTOWICZ

CASE NO.: CL1903 US NA

APPLICATION NO.: 09/941,947

CONFIRMATION NO.:

GROUP ART UNIT: 1645

EXAMINER: UNKNOWN

FILED: AUGUST 29, 2001

FOR: CARTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

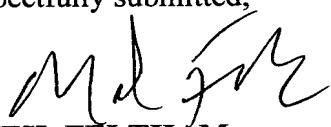
Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08A and PTO/SB/08B. A copy of the information is also enclosed.

In accordance with the provision of 37 CFR 1.97(e)(i), I hereby certify that the items of information contained in this Information Disclosure Statement were cited in a communication from a foreign application not more than three months prior to the filing of this statement.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,


S. NEIL FELTHAM
Attorney for Applicant(s)
Registration No. 36,506
Telephone: (302) 992-6460
Facsimile: (302) 992-5374

RECEIVED

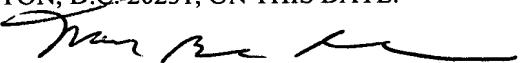
OCT 02 2002

TECH CENTER 1600/2900

Dated: 9/28/02

Enclosures

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASST. COMMISSIONER FOR PATENT, WASHINGTON, D.C. 20231, ON THIS DATE.


DATE

MARY BETH PITCHER



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SEP 27 2002

~~APP~~ Institute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

of 2

<p>Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.</p> <p>MAILED Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>		<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>09/941,947</td> </tr> <tr> <td>Filing Date</td> <td>AUGUST 29, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>BRZOSTOWICZ</td> </tr> <tr> <td>Group Art Unit</td> <td>1645</td> </tr> <tr> <td>Examiner Name</td> <td>UNKNOWN</td> </tr> <tr> <td>Attorney Docket Number</td> <td>CL1903 US NA</td> </tr> </table>		Application Number	09/941,947	Filing Date	AUGUST 29, 2001	First Named Inventor	BRZOSTOWICZ	Group Art Unit	1645	Examiner Name	UNKNOWN	Attorney Docket Number	CL1903 US NA
Application Number	09/941,947														
Filing Date	AUGUST 29, 2001														
First Named Inventor	BRZOSTOWICZ														
Group Art Unit	1645														
Examiner Name	UNKNOWN														
Attorney Docket Number	CL1903 US NA														
Sheet	1	of	2												

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the tow-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols asindicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED

OCT 02 2002

TECH CENTER 1600/2900



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of 2

Complete if Known

Application Number	09/941,947
Filing Date	AUGUST 29, 2001
First Named Inventor	BRZOSTOWICZ
Group Art Unit	1645
Examiner Name	UNKNOWN
Attorney Docket Number	CL1903 US NA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Scolnik et al., A Table of Some Cloned Plant Genes Involved in Isoprenoid Biosynthesis", Plant Molecular Biology Reporter, New York, NY Vol. 14, No. 4, December 1996, pp. 305-319, XP000884796	<input type="checkbox"/>
		Bartley et al., Molecular Biology of Carotenoid Biosynthesis in Plants", Annual Review of Plant Physiology and Plant Molecular Biology, Annual Reviews Inc, Vol. 45, 1994, pp. 287-301, XP000881128	<input type="checkbox"/>
		Rohmer, Isoprenoid Biosynthesis via the Mevalonate-Independent Route, A novel Target for Antibacterial Drugs?, Progress in Drug Research, Basel, Vol. 50, 1998, pp. 135-154, XP000906878	<input type="checkbox"/>
		Hanson et al., Methanotrophic bacteria", Microbiological Reviews, American Society for Microbiology, Washington, D.C., Vol. 60, No. 2, June 1996, pp. 439-471	<input type="checkbox"/>
		Zhu Xufen et al., Geranylgeranyl pyrophosphate synthase encoded by the newly isolated gene GGPS6 from Arabidopsis thaliana is localized in mitochondria", Plant Molecular Biology, Nijhoff Publishers, Dordrecht, NL, Vol. 35, No. 3, 1997, pp. 331-341, XP02153683	<input type="checkbox"/>
		Misawa et al., "Elucidation of the Erwinia Uredovora Carenoid Biosynthetic Pathway by Functional Analysis of Gene Products Expressed in Escherichia Coli", Journal of Bacteriology, Washington, D.C., Vol. 172, No. 12, December 1990, pp. 6704-6712	<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED

OCT 02 2002

TECH CENTER 1600/2900